

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Withdrawn) A fuel cell with improved voltage reversal tolerance, said fuel cell comprising a cathode, an electrolyte, and an anode, and said anode comprising a supported catalyst, wherein the loading of said catalyst on said support is greater than about 40% by weight.

2. (Withdrawn) The fuel cell of claim 1 wherein said electrolyte is a solid polymer and said fuel cell is a solid polymer electrolyte fuel cell.

3. (Withdrawn) The fuel cell of claim 1 wherein said catalyst comprises platinum.

4. (Withdrawn) The fuel cell of claim 1 wherein said support comprises carbon.

5. (Withdrawn) The fuel cell of claim 4 wherein said support comprises acetylene or furnace carbon black.

6. (Withdrawn) A fuel cell with improved voltage reversal tolerance, said fuel cell comprising a cathode, an electrolyte, and an anode, and said anode comprising a supported catalyst wherein the catalyst covers greater than about 6% of the surface of said support.

7. (Withdrawn) The fuel cell of claim 6 wherein the catalyst covers greater than about 9% of the surface of said support.

8. (Withdrawn) A fuel cell with improved voltage reversal tolerance, said fuel cell comprising a cathode, an electrolyte, and an anode, and said anode comprising a supported catalyst, wherein the catalyst/support interface perimeter is less than about 10^{11} m per gram of catalyst.

9. (Withdrawn) The fuel cell of claim 8 wherein the catalyst/support interface perimeter is less than about 4×10^{10} m per gram of catalyst.

10. (Currently Amended) A fuel cell with improved voltage reversal tolerance, said fuel cell comprising a cathode, an electrolyte, and an anode, and said anode comprising a supported catalyst wherein said supported catalyst comprises a catalyst supported and loaded on graphitic carbon and is more resistant to oxidative corrosion than carbon black.

11. (Previously Presented) A fuel cell of claim 10 wherein said graphitic carbon is characterized by a d_{002} spacing of less than 3.56 Å.

12. (Previously Presented) The fuel cell of claim 10 wherein said graphitic carbon is characterized by a d_{002} spacing of less than 3.45 Å.

13. (Previously Presented) The fuel cell of claim 10 wherein said graphitic carbon is characterized by a BET surface area of less than 230 m²/g.

14. (Previously Presented) The fuel cell of claim 10 wherein said graphitic carbon is characterized by a BET surface area of about 86 m²/g.

15. (Original) The fuel cell of claim 10 wherein said support comprises Ti₄O₇.

16-21. (Canceled)